

FROM McANDREWS, HELD, & MALLOY

(TUE) 2/14/06 12:38/ST. 12:37/NO. 4861050842 P 3

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032
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Effective on 12/08/2004.

Fee pursuant to the consolidated Appropriates Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number	08/888,498
Filing Date	October 27, 2000
First Named Inventor	Rafougaran
Examiner Name	M. Milord
Art Unit	2682

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FEB 14 2006

METHOD OF PAYMENT (check all that apply)

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 Deposit Account Deposit Account Number: 13-0017 Deposit Account Name: McAndrews Held & Malloy

For the above-identified deposit account, the Director is hereby authorized to (check all that apply)

<input checked="" type="checkbox"/> Charge Fee(s) indicated below	<input type="checkbox"/> Charge Fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fees(s)	<input checked="" type="checkbox"/> Credit any overpayments under 37 CFR 1.16 and 1.17

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid(\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEESFee Description

Each claim over 20, or for Reissues, each claim over 20 and more than in the original patent

Small Entity

Fee (\$) Fee (\$)

50 25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200 100

Multiple dependent claims

360 180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee	Fee Paid (\$)
-20 or HP	x	=				

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)		
-3 or HP	x	=			

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
-100	/50	(round up to a whole number)	x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Information Disclosure Statement filing fee

180

SUBMITTED BY

Signature	<i>Michael T. Cruz</i>	Registration No. (Attorney/Agent)	44,635	Telephone	(312)775-8000
Name (print/type)	Michael T. Cruz			Date	February 14, 2006

Attorney Docket No. 15258US08

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully enclose a PTO Form SB 08A that lists documents that were cited during the prosecution of the grandparent application and parent application to the present application. The grandparent application is United States Patent Application Serial No. 09/634,552, filed August 8, 2000. The parent application is United States Patent Application Serial No. 09/695,715, filed October 23, 2000.

The present application is a continuation of United States Patent Application Serial No. 09/695,715, filed October 23, 2000, which, in turn, is a continuation-in-part of United States Patent Application Serial No. 09/634,552, filed August 8, 2000.

Appl. No. 09/698,498
Supp. IDS dated Feb. 14, 2006

Under M.P.E.P. § 609.02 (Rev. 3, Aug. 2005), copies of the items listed on the accompanying PTO Form SB 08A need not be resubmitted in a continuing application. Therefore, no copies are enclosed.

The filing of a supplemental information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

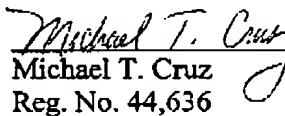
An information disclosure statement fee of \$180 is believed to be due.

It is respectfully requested that this paper and enclosures be considered by the Examiner. Furthermore, the Examiner is respectfully requested to initial a copy of the enclosed PTO Form SB08A and return an initialed copy to Applicants to indicate consideration of the enclosed listed documents.

The Commissioner is hereby authorized to charge additional fees or credit overpayments to the deposit account of McAndrews, Held & Malloy, Account No. 13-0017.

Date: February 14, 2006

Respectfully submitted,



Michael T. Cruz
Reg. No. 44,636

McAndrews, Held & Malloy, Ltd.
500 West Madison Street, 34th Floor
Chicago, Illinois 60661
Telephone: (312) 775-8084
Fax: (312) 775-8100

PTO/SB/08A (08-03)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449A/PTO			<i>Complete If Known</i>	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS <i>(use as many sheets as necessary)</i>			Application Number	09/698,498
			Filing Date	October 27, 2000
			First Named Inventor	A. Rofougaran
			Group Art Unit	2682
			Examiner Name	M. Milord
			Attorney Docket Number	15258US08
Sheet	1	of	2	

U.S. PATENT DOCUMENTS					
Examiner Initial*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number/Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		4,710,970	12.1987	Wu et al.	
		4,816,769	03.1989	Ma et al.	
		4,893,316	01.1990	Janc et al.	
		5,341,110	08.1994	Nardi	
		5,457,716	10.1995	Ang et al.	
		5,637,459	07.1996	Price et al.	
		5,593,640	09.1999	Meador et al.	
		5,872,810	02.1999	Philips et al.	
		5,890,051	03.1999	Schläng et al.	
		5,909,463	06.1999	Johnson et al.	
		5,940,456	08.1999	Chen et al	
		6,018,553	01.2000	Sanielevici et al.	
		6,072,994	06.2000	Phillips et al.	
		6,134,453	10.2000	Sainton et al.	
		6,167,246	12.2000	Elder et al.	
		6,175,279	01.2001	Ciccarelli et al.	
		6,184,747	02.2001	Helgeson et al.	
		6,185,418	02.2001	MacLellan et al.	
		6,343,207	01.2002	Hessel et al.	
		6,385,442	06.2002	Vu et al.	
		6,377,608	04.2002	Zyren	
		6,429,733	08.2002	Pagliolo et al.	
		6,526,034	02.2003	Gorsuch	
		6,633,550	10.2003	Gardenfors et al.	
		6,738,601	05.2004	Rofougaran et al.	

EXAMINER SIGNATURE		DATE CONSIDERED	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Rev. Sept. 03

X:\OPEN\MTCA\Broadcom\ARISTOTLE (CPH) (RF IC)\15258US08\2006.02.14 TDS with Parent References\PTO Form SB 08A.doc

Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS

(use as many sheets as necessary)

Sheet 2 Of 2

Complete if Known

Application Number	09/698,498
Filing Date	October 27, 2000
First Named Inventor	A. Rofougaran
Group Art Unit	2682
Examiner Name	M. Milord
Attorney Docket Number	15258US08

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP 0 803 997 A2	10.1997	Kuiri, Tapio		

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		A. Rofougaran, "A Single-Chip Spread-Spectrum Wireless Transceiver in CMOS," Final Report, Integrated Circuits & Systems Laboratory Electrical Engineering Department, University of California, Los Angeles, California, 339 pages (1999).
		J. Lee et al., "Design of Spiral Inductors on Silicon Substrates with a Fast Simulator", 4 pages, Electrical Engineering Department, University of California, Los Angeles, California, presented at the European Solid-State Circuits Conference, The Hague, The Netherlands (September 1998).
		P.Y. Chan, "A Highly Linear 1-GHz CMOS Downconversion Mixer," Integrated Circuits & Systems Laboratory, University of California, Los Angeles, California, presented at the European Solid State Circuits Conference, Seville, Spain, 4 pages (September 22-24, 1993).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Rev. Aug. 02

X:\OPEN\MT\Broadcom\ARISTOTLE (CPH) (RF IC)\15258US08\2006.02.14 IDS with Parent References\PTO Form SB 08A.doc
PAGE 7/7 * RCVD AT 2/14/2006 1:39:56 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/28 * DNIS:2738300 * CSID:3127079155 * DURATION (mm:ss):01:56

FROM McANDREWS, HELD, & MALLOY

(TUE) 2.14'06 12:37/ST. 12:37/NO. 4861050842 P 1



MCANDREWS, HELD & MALLOY
34TH FLOOR
500 WEST MADISON STREET
CHICAGO, ILLINOIS 60661

ARO PLEASE DELIVER RETURN RECEIPT TO
PATRICIA E. WILSON

TELEPHONE: (312) 775-8000

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CLIENT: 1772 MATTER: 15258US08

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/698,498
		Filing Date	October 27, 2000
		First Named Inventor	Rofougaran
		Art Unit	2682
		Examiner Name	M. Milord
Total Number of Pages in This Submission	6	Attorney Docket Number	15258US08

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ENCLOSURES (check all that apply)

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		Remarks
PTO form SB 08A listing 25 US patent documents, 1 foreign patent document and 3 non-patent literature documents - 2 pages		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	McAndrews Held & Malloy, Ltd.		
Signature	<i>Michael T. Cruz</i>		
Printed Name	Michael T. Cruz		
Date	February 14, 2006		

CERTIFICATE OF FAX TRANSMITTAL

I hereby certify that this correspondence is being sent via facsimile to Examiner M. Milord at the United States Patent and Trademark Office, fax No. 571 273 8300, on February 14, 2006.

Name (Print/type)	Michael T. Cruz	Registration No. (Attorney/Agent)	44,636
Signature	<i>Michael T. Cruz</i>	Date	February 14, 2006